

PATENT APPLICATION SERIAL NO. \_\_\_\_\_

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
FEE RECORD SHEET

02/25/2002 EFLORES 00000144 060308 09683853

01 FC:101 740.00 CH  
02 FC:103 54.00 CH

PTO-1556  
(5/87)

Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only

EFS ID: 13982  
Application ID: 09683853  
Title of Invention: OPTICAL FIBER DEPOSITION TUBE  
FUSED IN DEUTERIUM  
ATMOSPHERE FOR ATTENUATION  
IMPROVEMENT

First Named Inventor: Larry Zeng  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2002-02-22   
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: LD11504  
Digital Certificate Holder: cn=Timothy E. Nauman, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US  
Certificate Message Digest: /ssRiDz9vCEQpov1lr61nw==  
Total Fees Authorized: \$834.0

Payment Category: DA - Deposit Account  
Deposit Account Number: 60308  
Deposit Account Name: Timothy E. Nauman

# TRANSMITTAL FORM

JC474 U.S. PTO  
09/683853  
02/22/02

Electronic Version 1.0.3

Stylesheet Version: 1.0

Attorney Docket  
Number:

LD11504

Submission Type: Utility Patent  
Filing

## OPTICAL FIBER DEPOSITION TUBE FUSED IN DEUTERIUM ATMOSPHERE FOR ATTENUATION IMPROVEMENT

First Named Inventor: Larry Zeng

### SUBMITTED BY

Name: Mr. Timothy E. Nauman  
Registration Number: 32283  
Electronic Signature  
Mark: /s/Timothy E. Nauman Date Signed: 20020222

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### Attached Files:

declaration	Dec01.tif
declaration	Dec02.tif

declaration	Dec03.tif
specification	20511.xml
bibd-transmittal	2511submitapds.xml
patent-assignments	2511submitasgn.xml
fee-transmittal	2511submitfee.xml

**Attached Image File(s):**

Dec01.tif

Dec02.tif

Dec03.tif

### Comments:

It is a good idea to have a copy of the *Code of Practice for the Protection of the Environment* (COPPE) and the *Code of Practice for the Protection of the Environment (Industrial Discharges)* (COPPI) available when carrying out environmental assessments.

# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 834**

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Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

**SUBMITTED BY**

Authorized Name: Timothy E. Nauman

Electronic Signature Mark: /s/Timothy E. Nauman

Date Signed: 20020222

**BASIC FILING FEE**

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

**EXTRA CLAIM FEES**

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 23	103	\$ 18	3	\$ 54
Independent Claims: 2	102	\$ 84	0	\$ 0

Subtotal For Extra Claims Fees: \$ 54

ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40

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